

DrManoj Kumar Y

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Qualification

Degree	Branch	Institution / University	Year of Passing
Chemistry	Chemistry	Bharathidasan University	2018
Chemistry	Chemistry	Bharathidasan University	2013
M.Sc.,	Chemistry	Bishop Heber College, Bharathidasan University	2008
B.Sc.	Chemistry	Chikkaiah Naicker College, Bharathiar University	2006
Chemistry	Photodynamic Therapy	Gebze Technical University	

Ph.D. Details

Title of Thesis COBALT(III) SCHIFF BASE COMPLEXES CONTAINING LONG CHAIN ALIPHATIC AMINE LIGANDS: SYNTHESIS, DNA & BSA BINDING AND BIOLOGICAL STUDIES	Area of Specialization Bioinorganic Chemistry	Research Centre Bharathidasan University	Year of Award 12/2018
Research Supervisor Prof. S. Arumugam	Obtained Post Doctoral Fellowship : Yes	Agency TUBITAK	Host Institution : Gebze Technical University

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College		Assistant Professor	27-09-2020	Till date

Teaching / Research Experience

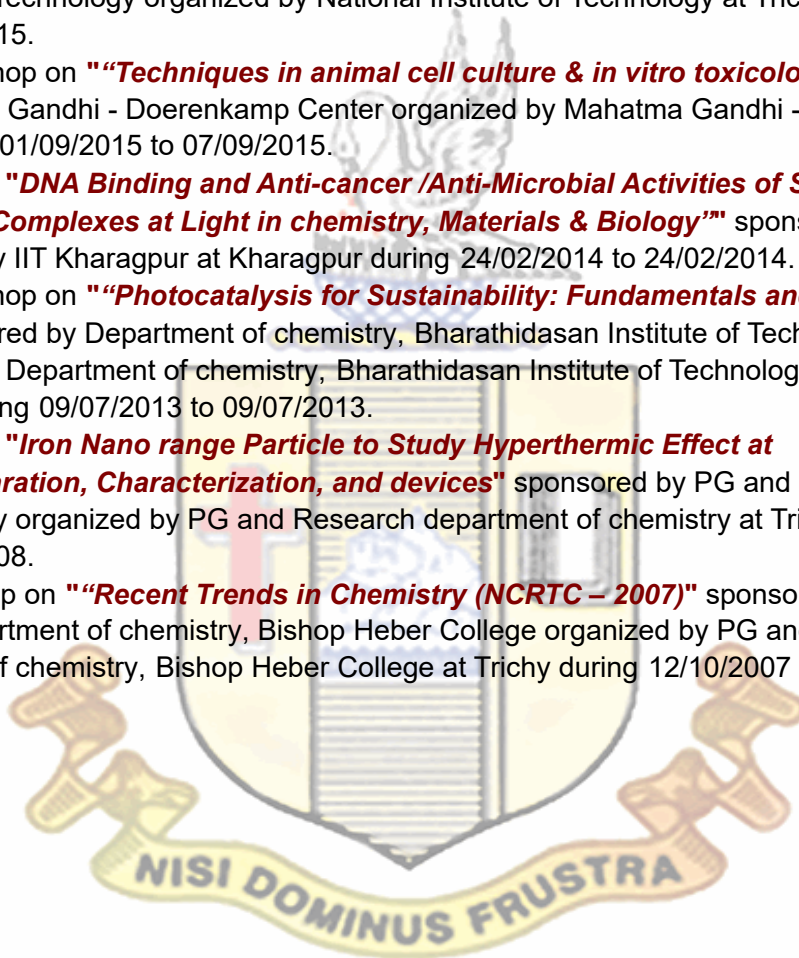
U.G. : 1 P.G. : 1 M.Phil. Ph.D.

Table of Contents

1.	Conferences / workshops / Seminars Attended	26
2.	Research Papers Presented	4
3.	Publication in Journals	9
4.	Publication in Books	0
5.	Books Published / Edited	0
6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	1
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. National level Workshop on **"E-Content Creation"** sponsored by Gurushala & K.R. Mangalam University organized by Gurushala & K.R. Mangalam University at Haryana during 07/12/2022 to 07/12/2022.
2. College level Workshop on **"E-Content development"** sponsored by Deanery of academics, Bishop Heber College, organized by Deanery of academics, Bishop Heber College, at Trichy during 27/10/2022 to 29/10/2022.
3. International level Workshop on **"Designing clinical Trials for wearable Devices"** sponsored by organized by at C- CAMP, Bangalore during 13/09/2022 to 13/09/2022.
4. College level Workshop on **"Student mental Health"** sponsored by Internal Quality Assurance Cell and Deanery of Academics of Bishop Heber College, organized by Internal Quality Assurance Cell and Deanery of Academics of Bishop Heber College, at Trichy during 15/07/2022 to 15/07/2022.
5. College level Workshop on **"A Roadmap to whole person education"** sponsored by Internal quality assurance cell (IQAC), Bishop Heber College organized by Internal quality assurance cell (IQAC), Bishop Heber College at Trichy during 13/07/2022 to 16/07/2022.
6. National level Workshop on **"Intellectual Property Rights, Strat-Up & innovations" (IPRSI - 2022)** sponsored by Madurai Kamaraj University, organized by Madurai Kamaraj University, at Madurai during 01/07/2022 to 01/07/2022.
7. -1 level Workshop on **"belonging and connection – building a better chemistry culture"** sponsored by Chemistry world webinars organized by Chemistry world webinars at during 10/05/2022 to 10/05/2022.
8. -1 level Workshop on **"Strategies in organic synthesis"** sponsored by National institute of technology (NIT), organized by National institute of technology (NIT), at Warangal during 06/05/2022 to 07/06/2022.
9. International level Workshop on **"Digital skills For Educators"** sponsored by Saraswati college of professional studies, Ghaziabad in association with the council for teachers education foundation organized by Saraswati college of professional studies, Ghaziabad in association with the council for teachers education foundation at Delhi during 01/05/2022 to 08/05/2022.
10. National level Workshop on **"chemistry in innovative Technologies"** sponsored by Department of chemistry, Bannari Amman Institute of technologies organized by Department of chemistry, Bannari Amman Institute of technologies at during 25/04/2022 to 30/04/2022.
11. College level Workshop on **"Science through Inquiry & Research (STIR – 2021)"** sponsored by PG & Research department of chemistry, Bishop Heber College, organized by PG & Research department of chemistry, Bishop Heber College, at Trichy during 21/04/2022 to 22/04/2022.
12. College level Workshop on **"unleashing effectiveness"** sponsored by Deanery of academics, Bishop Heber College, Trichy organized by Deanery of academics, Bishop Heber College, Trichy at Trichy during 16/03/2022 to 17/02/2023.
13. College level Workshop on **"Cheminformatics"** sponsored by PG and the Research department of chemistry, Bishop Heber College organized by PG and the Research department of chemistry, Bishop Heber College at Trichy during 22/01/2022 to 29/01/2022.
14. College level Workshop on **"ICT tools for interactive teaching and blended learning"** sponsored by Deanery of academics, Bishop Heber College, organized by Deanery of academics, Bishop Heber College, at Trichy during 12/07/2021 to 19/07/2021.
15. College level Workshop on **"A boon for the reaching and research"** sponsored by PG & Research Department of Library and Information Science and the College Library, Bishop Heber College organized by PG & Research Department of Library and Information Science and the College Library, Bishop Heber College at Trichy during 26/03/2021 to 27/03/2021.
16. International level Workshop on **"Frontiers in chemical research – ICFCR'21"** sponsored by PG and Research department of chemistry organized by PG and Research department of chemistry at Trichy during 03/02/2021 to 04/02/2021.

17. International level Conference on **"3rd Innovative Chemistry Science Student Congress"** sponsored by Gebze Technical University organized by Gebze Technical University at TURKEY during 04/05/2018 to 04/05/2018.
18. University level Workshop on **"Mentoring Ph.D. students and Young Faculty"** sponsored by DST – SERB organized by School of Chemistry, Bharathidasan University at Trichy during 17/02/2017 to 18/02/2017.
19. University level Workshop on **"Catalysis in organic Transformations (NWCOT – 2016)"** sponsored by School of Chemistry, Bharathidasan University, organized by School of Chemistry, Bharathidasan University, at Trichy during 20/10/2016 to 21/10/2016.
20. National level Workshop on **"Chemical Research Society of India (CRSI) Symposium"** sponsored by National Institute of Technology organized by National Institute of Technology at Trichy during 23/09/2015 to 25/09/2015.
21. University level Workshop on **"Techniques in animal cell culture & in vitro toxicology"** sponsored by Mahatma Gandhi - Doerenkamp Center organized by Mahatma Gandhi - Doerenkamp Center at Trichy during 01/09/2015 to 07/09/2015.
22. -1 level Conference on **"DNA Binding and Anti-cancer /Anti-Microbial Activities of Some surfactant Cobalt (III) Complexes at Light in chemistry, Materials & Biology"** sponsored by IIT Kharagpur organized by IIT Kharagpur at Kharagpur during 24/02/2014 to 24/02/2014.
23. University level Workshop on **"Photocatalysis for Sustainability: Fundamentals and Applications"** sponsored by Department of chemistry, Bharathidasan Institute of Technology, Anna University organized by Department of chemistry, Bharathidasan Institute of Technology, Anna University at Trichy during 09/07/2013 to 09/07/2013.
24. -1 level Conference on **"Iron Nano range Particle to Study Hyperthermic Effect at Nanomaterials – preparation, Characterization, and devices"** sponsored by PG and Research department of chemistry organized by PG and Research department of chemistry at Trichy during 14/03/2008 to 14/03/2008.
25. National level Workshop on **"Recent Trends in Chemistry (NCRTC – 2007)"** sponsored by PG and the Research department of chemistry, Bishop Heber College organized by PG and the Research department of chemistry, Bishop Heber College at Trichy during 12/10/2007 to 12/10/2007.



1. **""In Silico Investigation of Some Nitrobenzoxadiazole Containing Molecules for Fluorescence-Guided Breast Cancer Surgery""** in the International conference on *International conference on Scientific and technological advancements for reliable and sustainable – Future (STARS) – 2022* sponsored by , organized by Deanery of Academics , Bishop Heber College at Trichy during 16/11/2022 to 18/11/2022.
2. **""Anti-Microbial Active Cornstarch-Based Eco-Friendly Plastic""** in the International conference on *International conference on Scientific and technological advancements for reliable and sustainable – Future (STARS) – 2022* sponsored by , organized by Deanery of Academics , Bishop Heber College at Trichy during 16/11/2022 to 18/11/2022.
3. **"Molecular Docking Analysis and ADMET Studies of NBD - Isavuconazole Derivatives for Mucormycosis Treatment"** in the International conference on *International conference on Scientific and technological advancements for reliable and sustainable – Future (STARS) – 2022* sponsored by , organized by Deanery of Academics , Bishop Heber College at Trichy during 16/11/2022 to 18/11/2022.
4. **"DFT, Molecule Docking, and ADMET Studies of Some Folic acid – Nitrobenzoxadiazole Derivatives for Breast Cancer Treatment"** in the International conference on *International conference on Scientific and technological advancements for reliable and sustainable – Future (STARS) – 2022* sponsored by , organized by Deanery of Academics , Bishop Heber College at Trichy during 16/11/2022 to 18/11/2022.



1. **"Cytotoxic Cobalt (III) Schiff base complexes: in vitro antiproliferative, oxidative stress and gene expression studies in human breast and lung cancer cells"** published in Biometals (PEER REVIEW) Vol. 35(1), Issue No. , December 2021 ISSN : ---.
2. **"Cytotoxic Cobalt (III) Schiff base complexes: in vitro antiproliferative, oxidative stress and gene expression studies in human breast and lung cancer cells"** published in Biometals (PEER REVIEW) Vol. 35(1), Issue No. , December 2021 ISSN : ---.
3. **"Synthesis, DNA and BSA binding, in vitro anti-proliferative and in vivo anti-angiogenic properties of cobalt(III) Schiff base complexes"** published in New J Chem (PEER REVIEW) Vol. 43, Issue No. , June 2019 ISSN : ---.
4. **"Biomolecular interaction, anti-cancer and anti-angiogenic properties of cobalt(III) Schiff base complexes."** published in Scientific reports (SELECT) Vol. 9, Issue No. , January 2019 ISSN : ---.
5. **"Biophysical and biological studies of some polymer grafted metallo- intercalators"** published in Colloids Surf. B (PEER REVIEW) Vol. 156, Issue No. , January 2017 ISSN : ---.
6. **"Plasma protein binding of anisomelic acid: spectroscopy and molecular dynamic simulations"** published in J. Chem. Inf. Model (PEER REVIEW) Vol. 56, Issue No. , January 2016 ISSN : ---.
7. **"Nucleic acid binding and invitro cytotoxicity studies of polymer grafted intercalating copper(II) complex"** published in J. Inorg. Organomet. Polym (PEER REVIEW) Vol. 26, Issue No. , January 2016 ISSN : ---.
8. **"Spectroscopic investigation on the interaction of some polymer - cobalt(III) complexes with serum albumins"** published in J. Lumin (PEER REVIEW) Vol. 157, Issue No. , January 2015 ISSN : ---.
9. **"Spectroscopic investigation on the interaction of some surfactant - cobalt(III) complexes with serum albumins"** published in J. Lumin (PEER REVIEW) Vol. 145, Issue No. , January 2014 ISSN : ---.

Awards Recieved

- 1

Award Name	Presented by	Year	Level	Instituted by / Place	amount
Certificate of Excellence for Extracurricular Activities	Bishop Heber College, Trichy	01/01/2008	COLLEGE		

